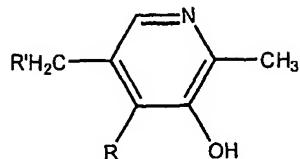


CLAIMS:

1. A compound of the general formula (I):

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wherein

R' represents an anti-epileptic (AED), anticonvulsive, neuroprotective,
10 neurotransmitter, or nootrope moiety;
R is selected from the group consisting of $-\text{CH}_2\text{OH}$, $-\text{CHO}$ and $-\text{CH}_2\text{NH}_2$;
and pharmaceutically acceptable salts thereof.

2. The compound according to claim 1, wherein R' is an anti-epileptic drug
15 moiety.

3. The compound according to claim 2, wherein said anti-epileptic drug is
selected from the group consisting of phenytoin or other hydantoins; phenobarbital
or other barbiturates, primidone, carbamazepine and oxacarbamazepine, valproic
20 acid or its derivatives; oxazolidines; benzo-diazepines; felbamate, gabapentin,
lamotrigine, vigabatrin and adrenocorticotropic hormone (ACTH).

4. The compound according to claim 1, wherein R' represents a moiety of
 γ -aminobutyric acid and/or kynurenic acid.

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5. A composition comprising a physical mixture of:

(a) at least one substance selected from the group consisting of pyridoxal,
pyridoxamine and pyridoxine, their pharmaceutically acceptable functional
derivatives and salts thereof; and

30 (b) at least one AED, anticonvulsive, neuroprotective drug or nootrope
compound.

6. The composition according to claim 5, wherein component (b) is an anti-epileptic drug.

5 7. The composition according to claim 6, wherein said anti-epileptic drug is selected from the group consisting of phenytoin or other hydantoins; phenobarbital or other barbiturates, primidone, carbamazepine and oxacarbamazepine, valproic acid or its derivatives; oxazolidines; benzo-diazepines; felbamate, gabapentin, lamotrigine, vigabatrin and adrenocorticotrophic hormone (ACTH).

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8. A pharmaceutical composition comprising a therapeutically effective amount of the compound of the general formula (I) and a pharmaceutically acceptable carrier or excipient.

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9. The pharmaceutical composition according to claim 8, wherein the compound of the general formula (I) having R' in an amount which is no greater than the maximal safe amount for a single administration of the attached anti-epileptic (AED), anticonvulsive, neuroprotective, neurotransmitter, or nootrope component.

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10. A pharmaceutical composition comprising therapeutically effective amounts of components (a) and (b) as defined above in Claim 5, and at least one pharmaceutically acceptable carrier, diluent, or excipient.

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11. The pharmaceutical composition according to claim 10, wherein components (a) and (b) are present in dosages no greater than their respective maximal safe dosages for a single administration.

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12. A method of treatment of a neurological disease or disorder comprising administering to an individual in need thereof a therapeutically effective amount of a compound of the general formula (I).

13. A method of treatment of a neurological disease or disorder comprising administering to an individual in need thereof a therapeutically effective amount of a composition in accordance with claim 5.
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14. A method of treatment of a neurological disease or disorder comprising co-administering to an individual in need thereof a therapeutically effective amounts of components (a) and (b) as defined in claim 5, in separate compositions.
- 10 15. The method according to any one of claims 12 to 14, wherein said neurological disease or disorder is epilepsy.
16. A method for preventing epileptic episodes, alleviating epileptic episodes and/or reducing side effects of AEDs comprising the step of administering to a subject a therapeutically effective amount of a compound of the general formula (I).
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17. A method for preventing epileptic episodes, alleviating epileptic episodes and/or reducing side effects of AEDs comprising the step of administering to a subject:
- 20 (a) at least one substance selected from the group consisting of pyridoxal, pyridoxamine and pyridoxine, their pharmaceutically acceptable functional derivatives and salts thereof, in an amount which is equivalent to from about 2 to about 500 times the recommended daily dietary allowance of pyridoxine; in combination with
- 25 (b) at least one AED, anticonvulsive, neuroprotective drug or nootrope compound.
18. The method according to any one of claims 12 to 17, wherein said compound or composition is orally administered.
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19. Use of a compound of the general formula (I) for the preparation of a pharmaceutical composition.
20. The use according to Claim 19, wherein said pharmaceutical composition is for the treatment of epilepsy.
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